Southern Company Gas

Atlanta Gas Light

Summary: **Install 6,350' x 4" MHP PLS and 4,100' x 6" MHP STL, 28 mcfh**
Project Name: **West Point Plantation**
Date: **10/2/2023**

Category	Description	Quantity	Unit	Rate	Total
1	**Land**	**$ 75,000**			
1.1	**Land Cost**	**$ -**			
1.11	Permanent Easement		sum		$ -
1.12	Temporary Workspace	$ 1	sum	$ 25,000	$ 25,000
1.13	Tap Station or Regulator Station--See Below in Materials		sum		
1.14	Right-of Way Damage & Settlements		sum		
1.15			sum		
1.2	**Acquisition Labor & Expenses**	**$ 50,000**			
1.21	ROW allowance, including survey, staking & land agent, historical areas/canals/museum	$ 1	sum	$ 50,000	$ 50,000
1.22	Condemnation Legal allowance		ea		$ -
1.23	Land Research allowance		sum		$ -
2	**Consultants**	**$ 170,000**			
2.1	**NDE Contractor**	**$ 25,000**			
2.11	NDE (X-ray) and other field inspectors	$ 1	sum	$ 25,000	$ 25,000
2.2	**Environmental**	**$ 70,000**			
2.21	Environmental Services - Before Construction	$ 1	sum	$ 10,000	$ 10,000
2.22	Environmental Services - During Construction	$ 1	sum	$ 50,000	$ 50,000
2.23	Environmental Services - Post Construction	$ 1	sum	$ 10,000	$ 10,000
2.3	**Engineering Design**	**$ -**			
2.31	Detailed Engineering		sum		$ -
2.32					
2.33					
2.4	**Program Management**	**$ -**			
2.41	Detailed Engineering		sum		
2.5	**Land Management**	**$ -**			
2.51	Detailed Engineering		sum		
2.6	**Public Relations**	**$ -**			

2.61	Detailed Engineering		sum	$ -	$ -
2.7	**Materials Procurement**	**$ -**			
2.71	Detailed Engineering	$ -	sum	$ -	$ -
2.8	**Legal Cost**	**$ -**			
2.81	Detailed Engineering	$ -	sum	$ -	$ -
2.9	**Construction Supervision**	**$ 75,000**			
2.91		$ 1	sum	$ 75,000	$ 75,000
2.10	**Taps and Stops**	**$ -**			
2.11			ea		
2.12					
2.13					
3	**Materials, including freight and tax**	**$ 186,500**			
3.1	**Pipe**	**$ 186,500**			
3.11	4" Plastic	6350	lf	$ 10.00	$ 63,500
3.12	6" Steel	4100	lf	$ 30.00	$ 123,000
3.13					
3.14					
3.2	**Valves & Actuators**	**$ -**			
3.21	Included in 3.11	$ -	ea		$ -
3.22					
3.3	**Fittings**	**$ -**			
3.32	Included in 3.11	$ -	sum	$ -	$ -
3.33					
3.4	**Miscellaneous Materials**	**$ -**			
3.41	Included in 3.11	$ -	ea	$ -	$ -
3.42					
3.43					
3.45					
4	**Construction**	**$ 1,457,750**			
4.1	**Permitting**	**$ 10,000**			
4.11	Construction Permits, no rail crossings	1	sum	$ 10,000	$ 10,000
4.2	**Construction**	**$ 1,000,000**			
4.21	Install 4" Line, open cut method	5080	lf	$ 100	$ 508,000
4.22	Install 6" Line, open cut method	3280	lf	$ 150	$ 492,000
4.23					
4.23					
4.24					

4.25					
4.3	**HDD**	**$ 447,750**			
4.31	Install 4" Line, HDD method (assume 20%)	1270	lf	$ 175	$ 222,250
4.32	Install 6" Line, HDD method (assume 20%)	820	lf	$ 275	$ 225,500
	subtotal	**1,889,250**			
5	**Contingency**	**$ 377,850**			
5.1	Contingency (20%)	1	Sum	$ 377,850	$ 377,850
5.2					
6	**Escalation**	**$ 18,893**			
6.1	Escalation allowance	1	Sum	$ 18,893	$ 18,893
7	**Labor**	**$ 165,687**			
7.1	Direct Internal Labor	1	Sum	$ 36,840	$ 36,840
7.2	Allocated Internal Labor	1	Sum	$ 128,847	$ 128,847
8	**Finance Cost**	**$ 73,303**			
8.1	Overhead/AFUDC	1	Sum	$ 73,303	$ 73,303
	Total				**$ 2,524,983**

Southern Company Gas

Atlanta Gas Light

Summary: **Install 8,400' x 4" MHP PLS, 8 mcfh**
Project Name: **Hampton Point**
Date: **10/2/2023**

Category	Description	Quantity	Unit	Rate	Total
1	**Land**	**$ 30,000**			
1.1	**Land Cost**	**$ -**			
1.11	Permanent Easement		sum		$ -
1.12	Temporary Workspace	$ 1	sum	$ 10,000	$ 10,000
1.13	Tap Station or Regulator Station--See Below in Materials		sum		
1.14	Right-of Way Damage & Settlements		sum		
1.15			sum		
1.2	**Acquisition Labor & Expenses**	**$ 20,000**			
1.21	ROW allowance, including survey, staking & land agent, historical areas/canals/museum	$ 1	sum	$ 20,000	$ 20,000
1.22	Condemnation Legal allowance		ea		$ -
1.23	Land Research allowance		sum		$ -
2	**Consultants**	**$ 100,000**			
2.1	**NDE Contractor**	**$ -**			
2.11	NDE (X-ray) and other field inspectors		sum		
2.2	**Environmental**	**$ 70,000**			
2.21	Environmental Services - Before Construction	$ 1	sum	$ 10,000	$ 10,000
2.22	Environmental Services - During Construction	$ 1	sum	$ 50,000	$ 50,000
2.23	Environmental Services - Post Construction	$ 1	sum	$ 10,000	$ 10,000
2.3	**Engineering Design**	**$ -**			
2.31	Detailed Engineering		sum		$ -
2.32					
2.33					
2.4	**Program Management**	**$ -**			
2.41	Detailed Engineering		sum		
2.5	**Land Management**	**$ -**			
2.51	Detailed Engineering		sum		
2.6	**Public Relations**	**$ -**			
2.61	Detailed Engineering		sum	$ -	$ -

2.7	**Materials Procurement**	**$ -**			
2.71	Detailed Engineering	$ -	sum	$ -	$ -
2.8	**Legal Cost**	**$ -**			
2.81	Detailed Engineering	$ -	sum	$ -	$ -
2.9	**Construction Supervision**	**$ 30,000**			
2.91		$ 1	sum	$ 30,000	$ 30,000
2.10	**Taps and Stops**	**$ -**			
2.11			ea		
2.12					
2.13					
3	**Materials, including freight and tax**	**$ 84,000**			
3.1	**Pipe**	**$ 84,000**			
3.11	4" Plastic	8400	lf	$ 10.00	$ 84,000
3.12					
3.13					
3.14					
3.2	**Valves & Actuators**	**$ -**			
3.21	Included in 3.11	$ -	ea		$ -
3.22					
3.3	**Fittings**	**$ -**			
3.32	Included in 3.11	$ -	sum	$ -	$ -
3.33					
3.4	**Miscellaneous Materials**	**$ -**			
3.41	Included in 3.11	$ -	ea	$ -	$ -
3.42					
3.43					
3.45					
4	**Construction**	**$ 763,000**			
4.1	**Permitting**	**$ 7,000**			
4.11	Construction Permits, no rail crossings	1	sum	$ 7,000	$ 7,000
4.2	**Construction**	**$ 504,000**			
4.21	Install 4" Line, open cut method	6720	lf	$ 75	$ 504,000
4.22					
4.23					
4.23					
4.24					
4.25					

4.3	**HDD**	**$ 252,000**			
4.31	Install 4" Line, HDD method (assume 20%)	1680	lf	$ 150	$ 252,000
4.32					
	subtotal	**977,000**			
5	**Contingency**	**$ 195,400**			
5.1	Contingency (20%)	1	Sum	$ 195,400	$ 195,400
5.2					
6	**Escalation**	**$ 9,770**			
6.1	Escalation allowance	1	Sum	$ 9,770	$ 9,770
7	**Labor**	**$ 85,683**			
7.1	Direct Internal Labor	1	Sum	$ 19,052	$ 19,052
7.2	Allocated Internal Labor	1	Sum	$ 66,631	$ 66,631
8	**Finance Cost**	**$ 37,908**			
8.1	Overhead/AFUDC	1	Sum	$ 37,908	$ 37,908
	Total				**$ 1,305,761**

Southern Company Gas

Summary: **Proposed 37,000 of 6" HP Steel**
Project Name: **Tidewaters Industrial Park**
Date: **9/28/2023**

Item No.	Element	Quantity	Unit	Rate $	Sub-Total $	Total $
1	**Land**					**$ 638,400**
1.1	**Land Cost**					
1.11	Permanent Easements	1	sum	$ 60,000	$ 60,000	
1.12	Temporary Workspace					
1.13	Tap Station or Regulator Station	1	sum	$ 144,000	$ 144,000	
1.14	Right-of Way Damage & Settlements					
1.2	**Acquisition Labor & Expenses**					
1.21	ROW allowance, including survey, staking & land agent	1	sum	$ 288,000	$ 288,000	
1.22	Condemnation Legal allowance					
1.23	Land Research allowance	1	sum	$ 146,400	$ 146,400	
2	**Consultants**					**$ 1,881,571**
2.1	**NDE Contractor**					
2.11	NDE ,Other Insepctions, and Testing	1	sum	$ 707,739	$ 707,739	
2.2	**Environmental**					
2.21	Environmental Services - Before Construction	1	sum	$ 330,000	$ 330,000	
2.22	Environmental Services - During Construction	1	sum	$ 31,350	$ 31,350	
2.23	Environmental Services - Post Construction	1	sum	$ 10,200	$ 10,200	
2.3	**Engineering Design**					
2.31	Detailed Engineering	1	sum	$ 775,881	$ 775,881	
2.32	Permit Coordination allowance	1	sum	$ 26,400	$ 26,400	
2.33	Core Samples and Subsurface Reports		sum			
2.4	**Program Management**					
2.41	W/ Engineering Design		sum			
2.5	**Land Management**					
2.51	W/ Engineering Design		sum			
2.6	**Public Relations**					
2.61	W/ Engineering Design		sum			
2.7	**Materials Procurement**					
2.71	W/ Engineering Design		sum			
2.8	**Legal Cost**					
2.81	Legal Allowance		n/a			
2.9	**Construction Supervision**					

2.91	Contract Project Coordinator		days			
2.10	**Taps and Stops**					
2.11	Taps and Stops		ea			
2.12			ea			
2.13			ea			
2.14			ea			
3	**Materials, including freight and tax**					**$ 1,665,148**
3.1	**Pipe**					
3.11	6" HP STL, open cut, and HDD	37,000	lf	$ 40	$ 1,478,484	
3.12						
3.13						
3.2	**Valves & Actuators**					
3.21			ea			
3.22			ea			
3.23			ea			
3.24			ea			
3.25			sum			
3.3	**Fittings**					
3.32			sum			
3.33			ea			
3.34			ea			
3.35			ea			
3.36			sum			
3.4	**Miscellaneous Materials**					
3.41	Miscellaneous Materials	1	ea	$ 186,663	$ 186,663	
3.42			ea			
3.43						
3.45						
4	**Construction**					**$ 7,573,786**
4.1	**Permitting (included in Consultants total)**					
4.11	DOT and Rail Crossings		sum			
4.12	Permitting consultant					
4.13						
4.2	**Construction**					
4.21	Construction - General, includes traffic control, testing, clearing, and restoration	37,000	lf	$ 205	$ 7,573,786	
4.22						
4.23						
4.23						
4.24						
4.25						
4.26						
4.3	**HDD**					
4.31	*Included in Construction Estimate*		lf			
4.32						
5	**Contingency**					**$ 2,402,874**
5.1	Risk and Contingency	1	sum	$ 2,402,874	$ 2,402,874	
5.2						
6	**Escalation**					
6.1	Escalation allowance	1	sum			

7	**Labor**					**$ 255,464**
7.1	Direct Internal Labor	1	sum	$ 255,464	$ 255,464	
7.2						
8	**Finance Cost**					**$ 2,544,643**
8.1	Overhead & AFUDC & Capitalized Depreciation	1	sum	$ 2,544,643	$ 2,544,643	
	Total					**$ 16,961,886**

Southern Company Gas

Atlanta Gas Light

Summary: **Install 1,600' x 4" MHP PLS and 1,000' x 2" MHP PLS, 1.2 mcfh**
Project Name: **Gin Ln at Holly St**
Date: **10/2/2023**

Category	Description	Quantity	Unit	Rate	Total
1	**Land**	**$ 10,000**			
1.1	**Land Cost**	**$ -**			
1.11	Permanent Easement		sum		$ -
1.12	Temporary Workspace	$ 1	sum	$ 10,000	$ 10,000
1.13	Tap Station or Regulator Station--See Below in Materials		sum		
1.14	Right-of Way Damage & Settlements		sum		
1.15			sum		
1.2	**Acquisition Labor & Expenses**	**$ -**			
1.21	ROW allowance, including survey, staking & land agent, historical areas/canals/museum		sum		
1.22	Condemnation Legal allowance		ea		$ -
1.23	Land Research allowance		sum		$ -
2	**Consultants**	**$ -**			
2.1	**NDE Contractor**	**$ -**			
2.11	NDE (X-ray) and other field inspectors		sum		
2.2	**Environmental**	**$ -**			
2.21	Environmental Services - Before Construction		sum		$ -
2.22	Environmental Services - During Construction		sum		
2.23	Environmental Services - Post Construction		sum		$ -
2.3	**Engineering Design**	**$ -**			
2.31	Detailed Engineering		sum		$ -
2.32					
2.33					
2.4	**Program Management**	**$ -**			
2.41	Detailed Engineering		sum		
2.5	**Land Management**	**$ -**			
2.51	Detailed Engineering		sum		
2.6	**Public Relations**	**$ -**			
2.61	Detailed Engineering		sum	$ -	$ -

2.7	**Materials Procurement**	**$ -**			
2.71	Detailed Engineering	$ -	sum	$ -	$ -
2.8	**Legal Cost**	**$ -**			
2.81	Detailed Engineering	$ -	sum	$ -	$ -
2.9	**Construction Supervision**	**$ -**			
2.91			days		$ -
2.10	**Taps and Stops**	**$ -**			
2.11			ea		
2.12					
2.13					
3	**Materials, including freight and tax**	**$ 24,000**			
3.1	**Pipe**	**$ 24,000**			
3.11	2" Plastic	1000	lf	$ 8.00	$ 8,000
3.12	4" Plastic	1600	lf	$ 10.00	$ 16,000
3.13					
3.14					
3.2	**Valves & Actuators**	**$ -**			
3.21	Included in 3.11	$ -	ea		$ -
3.22					
3.3	**Fittings**	**$ -**			
3.32	Included in 3.11	$ -	sum	$ -	$ -
3.33					
3.4	**Miscellaneous Materials**	**$ -**			
3.41	Included in 3.11	$ -	ea	$ -	$ -
3.42					
3.43					
3.45					
4	**Construction**	**$ 305,000**			
4.1	**Permitting**	**$ 5,000**			
4.11	Construction Permits, no rail crossings	1	sum	$ 5,000	$ 5,000
4.2	**Construction**	**$ 300,000**			
4.21	Install 2" Line, open cut method	1000	lf	$ 100	$ 100,000
4.22	Install 4" Line, open cut method	1600	lf	$ 125	$ 200,000
4.23					
4.23					
4.24					
4.25					

4.3	**HDD**	**$ -**			
4.31	Install 4" Line, HDD method		lf		$ -
4.32	Install 6" Line, HDD method		lf		$ -
	subtotal	**339,000**			
5	**Contingency**	**$ 67,800**			
5.1	Contingency (20%)	1	Sum	$ 67,800	$ 67,800
5.2					
6	**Escalation**	**$ 3,390**			
6.1	Escalation allowance	1	Sum	$ 3,390	$ 3,390
7	**Labor**	**$ 29,730**			
7.1	Direct Internal Labor	1	Sum	$ 6,611	$ 6,611
7.2	Allocated Internal Labor	1	Sum	$ 23,120	$ 23,120
8	**Finance Cost**	**$ 13,153**			
8.1	Overhead/AFUDC	1	Sum	$ 13,153	$ 13,153
	Total				**$ 453,074**

Atlanta Gas Light
Estimate Detail
Project: Meissner
Date: 9/25/2023

Southern Company Gas

Item No.	Element	Quantity	Unit	Rate $	Total $
1	**Land**	**$10,000**			
1.1	**Land Cost**	**$5,000**			
1.11	Temporary Workspace	1.00	acre	5,000.00	5,000
1.2	**Acquisition Labor & Expenses**	**$5,000**			
1.21	ROW allowance, including survey, staking & land agent	1	sum	5,000.00	5,000
2	**Outside Services**	**$75,000**			
2.1	**NDE Contractor**	**$0**			
2.11		0	sum	0.00	0
2.2	**Environmental**	**$75,000**			
2.22	Environmental Support	1	sum	75,000.00	75,000
2.3	**Engineering Design**	**$0**			
2.32		0	sum	0.00	0
2.4	**Program Management**	**$0**			
2.41		0	sum	0.00	0
2.5	**Land Management**	**$0**			
2.51		0	sum	0.00	0

2.6	**Public Relations**	**$0**			
2.61		0	sum	0.00	0
2.7	**Materials Procurement**	**$0**			
2.71		0	sum	0.00	0
2.8	**Legal Cost**	**$0**			
2.81		0	sum	0.00	0
2.9	**Construction Supervision**	**$0**			
2.91		0	sum	0.00	0
2.10	**Taps and Stops**	**$0**			
3	**Materials, including freight and tax**	**$51,392**			
3.1	**Pipe**	**$46,392**			
3.11	1.25" Plastic Pipe	360	lf	1.02	367
3.12	1.25" Steel Pipe (0.191" NWT and GRADE B due to RR ROW)	25	lf	25.00	625
3.13	4" Plastic Pipe	6,190	lf	4.79	29,650
3.14	4" steel pipe (0.188" NWT due to RR ROW)	525	lf	30.00	15,750
3.2	**Valves & Actuators**	**$0**			
3.31	Included in 3.1	$ -	ea	$ -	$ -
3.3	**Fittings**	**$0**			
3.31	Included in 3.1	$ -	ea	$ -	$ -
3.4	**Miscellaneous Materials**	**$5,000**			
3.41	Included in 3.1	$ -	ea	$ -	$ -
3.42	Meter Set Equipment	5,000	ea	1.00	5,000
4	**Construction**	**$785,525**			
4.1	**Permitting**	**$85,000**			
4.11	Local Permitting & Traffic Control	1	sum	$ 35,000	$ 35,000

MFR-6: COST TO SERVE JACKSON

4.12	Railroad Permitting	1	sum	50,000.00	50,000
4.2	**Construction**	**$700,525**			
4.22	4" Plastic Pipe installation	5,635	lf	100.00	563,500
4.23	1.25" Plastic/Steel Svc Install	385	lf	15.00	5,775
4.24	4" Steel Pipe Installation	525	lf	250.00	131,250
4.3	**HDD**	**$0**			
4.31		$ -	ea	$ -	$ -
	subtotal	**921,917**			
5	**Contingency**	**184,383**			
5.1	General Contingency 20%				184,383
6	**Escalation**	**0**			
6.1					
7	**Labor**	**2,500**			
7.1	Direct Internal Labor				2,500
8	**Finance Cost**	**35,770**			
8.1	AFUDC				35,770
	Total				**1,140,000**

MFR-6: Cost to Serve

Line	Type	Project	Footage Size/Type	Estimated Engineering Costs	Income Tax Gross-Up	Financing Cost Gross-Up	Cost to Serve
1	Commercial	Athens/Clarke	2,050' x 4" plastic	$ 1,140,000	$ 174,659	$ 6,544	$ 1,321,203
2	Commercial	McIntosh	37,000' x 6" steel	$ 16,961,886	$ 2,598,730	$ 97,361	$ 19,657,977
3	Residential	Glynn #1	6,350' x 4" plastic 4,100' x 6" steel	$ 2,524,983	$ 386,853	$ 14,493	$ 2,926,329
4	Residential	Glynn #2	8,400' x 4" plastic	$ 1,305,761	$ 200,056	$ 7,495	$ 1,513,311
5	Residential	Cherokee	1,600' x 4" plastic 1,000' x 2" plastic	$ 453,074	$ 69,415	$ 2,601	$ 525,090
			Total:	**$ 22,385,702**	**$ 3,429,713**	**$ 128,494**	**$ 25,943,910**

Income Tax Ratio	Finance Ratio
0.15321	0.00574

** Details to follow in an amended filing.